

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("6005866").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/11 17:56
L2	2	("4550292").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/11 17:57
L3	2	("4084137").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/11 17:58
L4	2	("4521878").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2006/05/11 17:59
L5	3	"20020034191"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 18:00
L6	2	"20030123383"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 18:01
L7	2	"20030165183"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 18:01
S1	2	("6444972").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/11 14:21
S2	2	("6525307").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/05/03 09:30
S3	2	("6533733").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/04 11:47

## EAST Search History

S4	2	("6459050").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/04 11:51
S5	38600	ut-battelle llc.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 12:06
S6	24155	(ut-battelle llc.as.) and @ad<"20000927"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 11:53
S7	169	((ut-battelle llc.as.) and @ad<"20000927") and (spread and spectrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 11:54
S8	1835	((ut-battelle llc.as.) and @ad<"20000927") and capacity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 11:54
S9	45	((ut-battelle llc.as.) and @ad<"20000927") and (spread and spectrum) ) and capacity	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 11:54
S10	311	ut-battelle.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 12:06
S11	246	ut-battelle.as. and @ad<"20000927"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 12:07
S12	8	(ut-battelle.as. and @ad<"20000927") and (spread and spectrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 12:09
S13	1	((ut-battelle.as. and @ad<"20000927") and (spread and spectrum)) and cdma	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 13:10
S14	2	("3475558").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/04 13:11

## EAST Search History

S15	4	("4435821").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/04 13:13
S16	2	("5521937").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/04 13:15
S17	2	("5274665").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/04 13:16
S18	2	("5623487").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/04 14:19
S19	61	(375/131).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/04 14:19
S20	8	(((375/131).CCLS.) and @ad<"20000927") and (channel adj capacity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/14 10:46
S21	8	(((375/131).CCLS.) and @ad<"20000927") and (channel and capacity) and (expand\$4 or inreas\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/04 14:30
S22	22	(((375/131).CCLS.) and @ad<"20000927") and (expand\$4 or increas\$5) and (channel and capacity)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/05 11:46
S23	14	"6018528".URPN.	USPAT	OR	ON	2003/11/04 14:42
S24	14	("4868811"   "4914649"   "5029180"   "5134615"   "5210771"   "5221983"   "5260967"   "5272556"   "5295153"   "5317593"   "5533013"   "5539730"   "5577024"   "5581548").PN.	USPAT	OR	ON	2003/11/04 14:52

## EAST Search History

S25	2	("6243397").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/05 11:46
S26	1	"6243397".URPN.	USPAT	OR	ON	2003/11/05 15:10
S27	6	("5602833"   "5694395"   "5694396"   "5751761"   "5956345"   "6084890").PN.	USPAT	OR	ON	2003/11/05 15:11
S28	55	((375/131).CCLS.) and @ad<"20000927"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/07 14:55
S29	0	((((375/131).CCLS.) and @ad<"20000927") and (continuous\$4 adj fsk)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/07 14:56
S30	8	((((375/131).CCLS.) and @ad<"20000927") and (continuous\$4 and fsk)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/07 14:59
S31	1	((((375/131).CCLS.) and @ad<"20000927") and (continuous\$4 adj phase)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/07 14:59
S32	55	((375/131).CCLS.) and @ad<"20000927"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/10 17:07
S33	3	frequency adj syntheizer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/10 17:14
S34	6	frequency and syntheizer	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/10 17:17
S35	2	("5036295").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/10 17:19
S36	10837	balance and modulator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/10 17:20

## EAST Search History

S37	399	balance adj modulator	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2003/11/10 17:20
S38	2	("5469469").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/14 10:49
S39	2	("6223053").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/14 10:50
S40	2	("6188715").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/14 10:50
S41	2	("6289038").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/14 10:51
S42	2	("6018528").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/14 10:52
S43	2	("6229796").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/14 10:53
S44	2	("5539730").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/14 10:53
S45	2	("5956345").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2003/11/14 10:53
S46	57	(carrier near frequenc\$3) and (multiple near bit near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:39

## EAST Search History

S47	0	orthogonal near spac\$3 near relative near bit near rate	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:37
S48	5723	ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:39
S49	4081	ofdm and orthogonal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:44
S50	0	(ofdm and orthogonal) and (relative near bit near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:39
S51	0	ofdm and (orthogonal\$3 near bit near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:40
S52	0	ofdm and (orthogonal\$3 near symbol near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:40
S53	4130	(ofdm and orthogonal) (relative near bit near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:43
S54	1854	((ofdm and orthogonal) (relative near bit near rate)) and @ad<"20000927"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:44
S55	4081	ofdm and orthogonal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:44
S56	1817	(ofdm and orthogonal) and @ad<"20000927"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:45
S57	156	((ofdm and orthogonal) and @ad<"20000927") and (spread near spectrum)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/03 09:50
S58	24514	spread near spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/30 13:52

## EAST Search History

S59	21	(spread near spectrum) and (orthogonal near relative)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/03 09:24
S60	2	("5469469").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/05/03 09:27
S61	2	("5623487").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/05/03 09:28
S62	1	(despread near integrate) and (clock near sync\$11)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/05/03 09:32
S63	2	("5469469").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/05/03 09:50
S64	2	("5623487").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/09/16 12:51
S65	452	(chip near rate) same (bit near rate)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 12:51
S66	67	(chip near rate) same (bit near rate) same greater	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 15:50
S67	63	ofdm same (direct near sequence)same CDMA	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 15:58
S68	10	S67 and @ad<"20000927"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 15:52
S69	306	ofdm and (direct near sequence) and CDMA	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 15:58

## EAST Search History

S70	6	S69 and ((sub near carrier) same spacing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/09/16 15:59
S71	303	orthogonal\$4 with ((bit or symbol) adj rate) and ((spread near spectrum) or ofdm)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/04 15:56
S72	8	("3737776"   "4041391"   "4933952"   "4953178"   "5113443"   "5222075"   "5278826"   "5319672").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 14:44
S73	23327	(patent near applications) and (remote near locations)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/04 15:57
S74	7717	(patent near applications) and (remote near locations) and distribution	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/04 15:57
S75	2025	(spread near spectrum) and (subcarrier\$1 or subband or (sub near frequency) or subchannel)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 14:23
S76	61	(spread near spectrum) and (subcarrier\$1 or subband or (sub near frequency) or subchannel) and ((bit near rate) same orthogonal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 14:23
S77	1018	(spread near spectrum) and (subcarrier\$1 or subband or (sub near frequency) or subchannel) and ((bit near rate) same (chip near rate) orthogonal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 14:24
S78	2	(spread near spectrum) and (subcarrier\$1 or subband or (sub near frequency) or subchannel) and ((bit near rate) same (chip near rate) same orthogonal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 14:25
S79	1	(spread near spectrum) and ofdm and ((bit near rate) same (chip near rate) same orthogonal)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 14:26
S80	6214	370/335	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 14:27



## EAST Search History

S81	280	(370/335) and ofdm	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 14:28
S82	258	(370/335) and ofdm and orthogonal	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 14:28
S83	13	(370/335) and ofdm and (orthogonal same (bit near rate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 14:47
S84	16	(370/342) and ofdm and (orthogonal same (bit near rate))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/05/11 17:55